

What is claimed is:

1. A pneumatic tire, wherein
a circumferential straight main groove is provided at the center
of a tread center region; arcuate curved main grooves where each
of a plurality of arcuate grooves is circumferentially formed so
as to be continuous in a repeated manner are arranged on both sides
of the straight main groove; and further, each of circumferential
auxiliary grooves with a width smaller than that of any of the straight
main groove and arcuate curved main grooves is provided in both
tread shoulder regions respectively.
2. The pneumatic tire according to claim 1, wherein
the arcuate curved main grooves are circumferentially formed to
be in a see-through state.
3. The pneumatic tire according to any of claims 1 and 2, wherein,
a plurality of inclined grooves are provided circumferentially with
a given interval therebetween so as to cross the auxiliary grooves
diagonally.
4. The pneumatic tire according to claim 3, wherein
an inner edge portion of the inclined groove is connected to the
arcuate curved main groove.
5. The pneumatic tire according to any of claims 1 to 4, wherein
each of the widths of the straight main groove and the arcuate curved
main groove is 5 to 15 mm.
6. The pneumatic tire according to any of claims 1 to 5, wherein
the width of the auxiliary groove is 1 to 5 mm.

7. The pneumatic tire according to any of claims 3 to 6, wherein
the width of the inclined groove is 1 to 7 mm.